
PREFACE

This field manual (FM) explains all aspects of the cannon gunnery problem and presents a practical application of the science of ballistics. It includes step-by-step instructions for manually solving the gunnery problem and applies to units organized under tables of organization and equipment (TOE) of the L series. The material concerns nonnuclear solutions to the gunnery problem. Automated procedures are covered in ST 6-40-2, ST 6-40-31, and ST 6-50-60.

This publication is a guide for field artillery (FA) officers (commanders and fire direction officers [FDOs]), FA noncommissioned officers (NCOs), and enlisted personnel in the military occupational specialty (MOS) of cannon gunnery (MOS 13E; United States Marine Corps [USMC] MOS 0844/48).

This publication implements the following North Atlantic Treaty Organization (NATO) Standardization Agreements (STANAGs)/Quadripartite Standardization Agreements (QSTAGs):

STANAG	QSTAG	TITE
2934 (Chap 10) (Ed 1)	182 (Ed 2)	Artillery Procedures, Battlefield Illumination
2934 (Chap 6) (Ed 1)	255 (Ed 3)	Artillery Procedures, Call for Fire Procedures
2934 (Chap 7) (Ed 1)	221 (Ed 2)	Artillery Procedures, Target Numbering System (Nonnuclear)
2934 (Chap 5) (Ed 1)	246 (Ed 3)	Artillery Procedures, Radio Telephone Procedures for the Conduct of Artillery Fire
2934 (Chap 3) (Ed 1)	217 (Ed 2)	Artillery Procedures, Tactical Tasks and Responsibilities for Control of Artillery
2963 (Ed 1)	802 (Ed 1)	Coordination of Field Artillery Delivered Scatterable Mines
4119 (Ed 1)	220 (Ed 2)	Adoption of a Standard (Cannon) Artillery Firing Table Format
none	224 (Ed 2)	Manual Fire Direction Equipment, Target Classification, and Methods of Engagement for Post-1970
4425 (Ed 1)	none	Procedure to Determine the Degree of Interchangeability of NATO Indirect Fire Ammunition-APO-29

The proponent of this publication is Headquarters (I-IQ), US Army Training and Doctrine Command (TRADOC). Send comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Commandant, US Army Field Artillery School (USAFAS), ATTN: ATSF-GD, Fort Sill, OK 73503-5600.

Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.
